Canon Polaroid Color Back Unit

CF-PC

One Optional Accessory of
60° Zoom Fundus Camera CF-60ZA

Operation Manual

CONTENTS

1. Introduction 1
2. Specifications 2
3. Composition 2
4. Nomenclature 3
5. Mounting CF-PC to CF-60ZA 4
6. Photography 6
7. After-Photography Care 9

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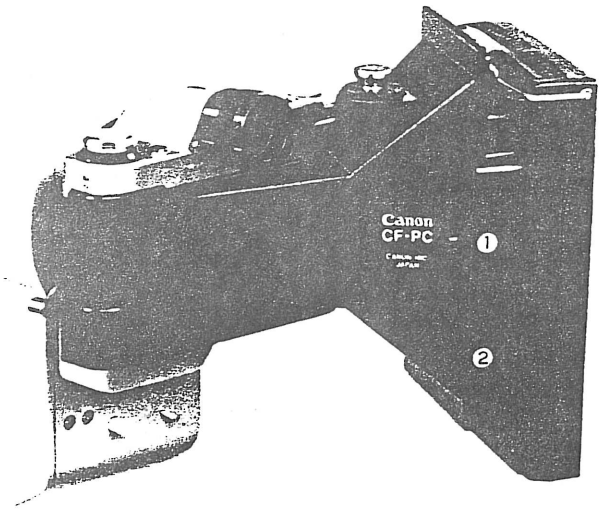
1. Introduction

The Canon CF-PC performs Polaroid color photography in combination with Canon 60° Zoom Fundus Camera CF-60ZA. The back cover of the 35mm photographic camera standard on CF-60ZA is removed and CF-PC is installed in its place to produce two easily diagnosable and clear images of the eye fundus with dimensions of ø53mm x 40mm each on a sheet of Polacolor film. This back unit is used only when the picture angle of the CF-60ZA is set at 60 degrees. The unit uses Polacolor Land Film Type 108 or 668 (color film). It is not advisable to take photos on black-and-white film with this unit since available light is too strong for proper black-and-white exposure. If black-and-white photos are to be taken, use the Polaroid Back Unit CF-PB, optionally available.



Canon CF-PC

2. Specifications

Application:	Polaroid color photography
Film used:	Polacolor film Type 108 or 668
Frames per film sheet:	Two frames per sheet
Image size:	ø53mm(W) x 40mm(H)
Dimensions:	212mm(W) x 158mm(D) x 167mm(H)
Weight:	680gr.

3. Composition

CF-PC 1

Lens cover 1

4. Nomenclature

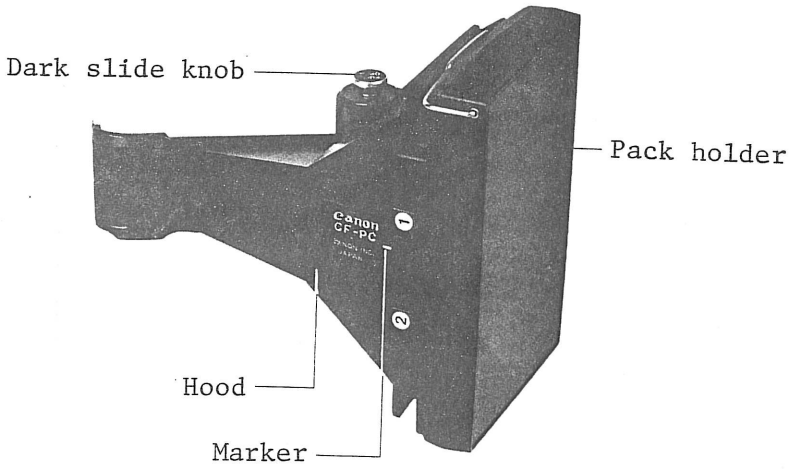


Fig. 1

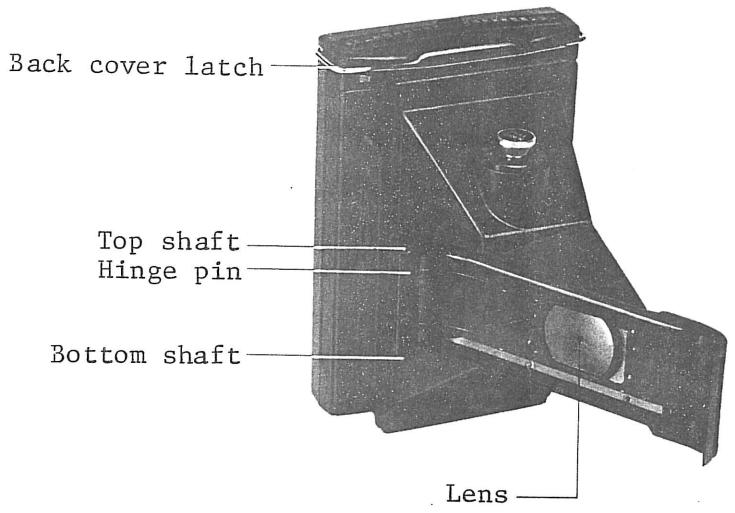


Fig. 2

5. Mounting CF-PC to CF-60ZA

1. Check that the photographic camera is not loaded with film. If its film rewind knob does not turn smoothly clockwise, the photographic camera is loaded with film. If so, unload it according to Film Rewinding in 9-5, CF-60ZA Operation Manual. (Fig. 3)

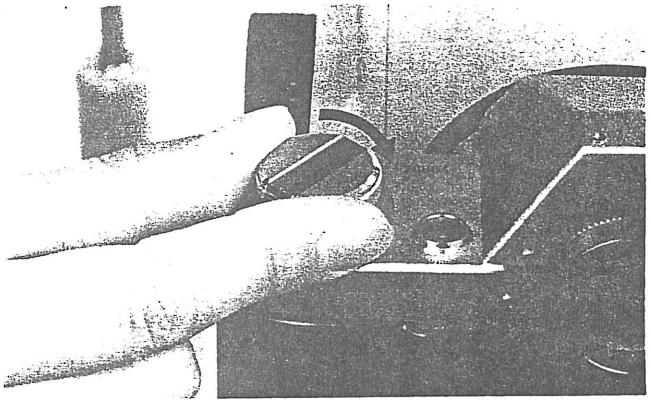


Fig. 3

2. Fully open the photographic camera back cover. (Consult the CF-60ZA Operation Manual.)
3. Remove the back cover of the photographic camera by pressing the hinge pin downward. (Fig. 4)

   CAUTION: Do not leave the photographic camera for hours with back cover removed. If so, dust may settle on it.

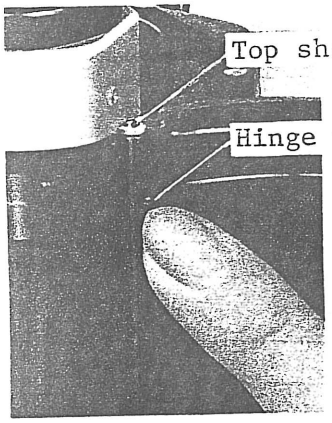


Fig. 4

4. Remove the lens cover of the Polaroid color back unit. Next put the hinge bottom shaft in the shaft hole of the photographic camera. Put the top shaft in the other shaft hole while pressing the hinge pin downward. (Fig. 5)

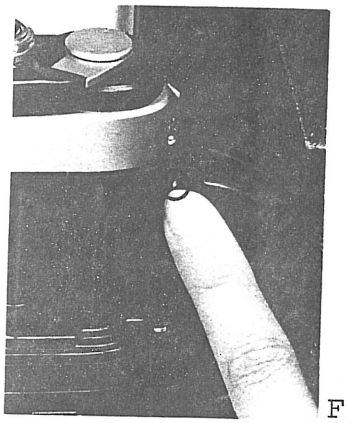


Fig. 5

5. Press the entire Polaroid color back unit up against the photographic camera until a click is heard. (Fig. 6)

NOTE: Hold the Polaroid color back unit with one hand to protect the hinge in steps 4 and 5.

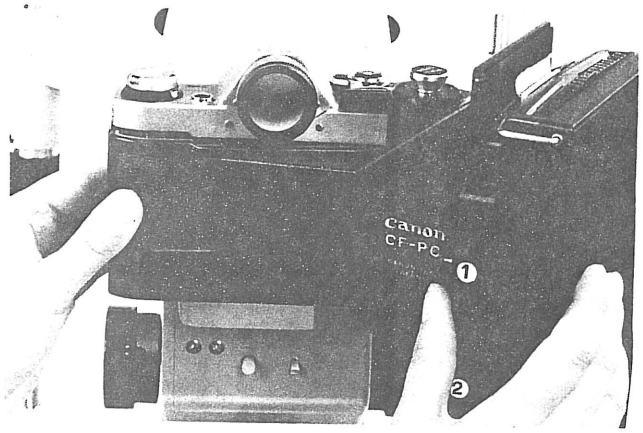


Fig. 6

6. To dismount the Polaroid color back unit from the photographic camera, follow step 3.

Film Loading

Only Polacolor Land Film Type 108 or 668 is compatible with this back unit. For film loading, development and other handling instructions, refer to "How to Use the Polaroid Land Pack Film Holder #405", provided at the end of this manual.

Be very careful not to apply any excessive force to the back unit hinge when loading film.

6. Photography

1. Turn on the main switch of the power control unit.
   (The switch is turned on by pressing it on the I side.)
2. Set the illumination intensity control knob to 3 or 4. (Fig. 7)

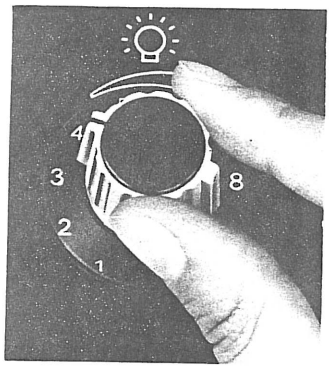


Fig. 7

3. Press flash intensity selector switch 8. (Fig. 8)

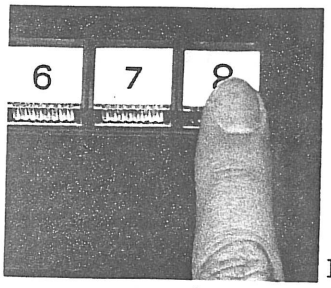


Fig. 8

4. Pull the dark slide knob located on the side of the back unit and marked PULL OPEN out all the way. (Fig. 9)

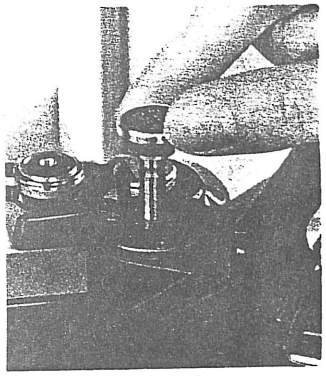


Fig. 9

5. Align ① on the film pack holder to the marker on the hood. A click is heard. (Fig. 10)

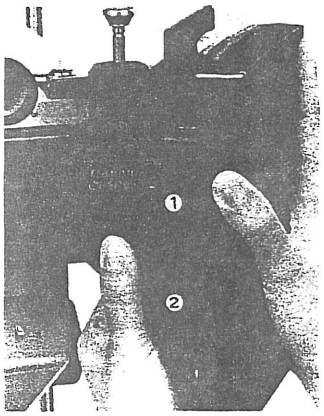


Fig. 10

6. Photograph according to the instructions set forth in 9-1, 4 and later in Chapter 9 of the CF-60ZA Operation Manual.
7. Slide the film pack holer to prepare to photograph portion ② of the film. (Fig. 11)

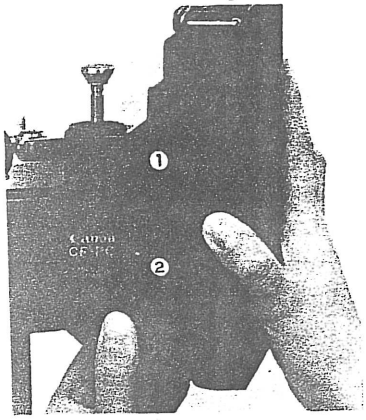
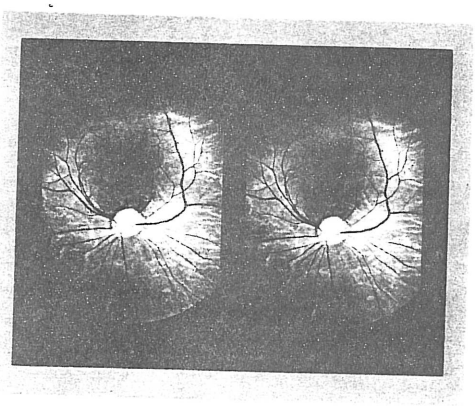


Fig. 11

NOTE: Hold the Polaroid color back unit with one hand so as not to apply any excessive force to the hinge when pulling the film out from the holder.

8. The Polaroid color back unit produces two pictures on a sheet of film as shown in figure 12. Data is not printable on the film at the same time as it is exposed. It should be written in the margin or on the back of the picture after photography.



Film size: 85mm x 108mm
Exposed area: 72mm x 95mm
Image size: ϕ53mm x 40mm each

Fig. 12

9. After photography, push back the dark slide knob (PULL OPEN) all the way until it stops.

7. After-Photography Care

1. Handle the Polaroid color back unit lens just as carefully as the objective lens of CF-60ZA. Always replace the lens cover when the back unit is dismounted from CF-60ZA.
2. When storing the back unit by itself place it in the vinyl bag or the cardboard box in which it was delivered so that its mount is not deformed nor its hinge damaged.

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